

WEEKLY CROP-WEATHER

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MINNESOTA AGRICULTURAL STATISTICS SERVICE IN COOPERATION WITH THE NATIONAL WEATHER SERVICE  
TWIN CITIES INT'L AIRPORT, UNIV. OF MINN. EXTENSION SERVICE, AND STATE CLIMATOLOGY, DNR

WARM AND DRY WEATHER

Due to the warm and dry weather, soybean harvest to is off to a good start with corn harvest soon to follow, according to the Minnesota Agricultural Statistics Service. The weather aided the drying of soybeans and corn this week. Crops are still uneven with crop maturity varying within fields and from field to field. There are many reports that frost was received across the state on Monday and Tuesday. Producers with late planted soybeans are concerned about frost damage.

Corn is 69% mature as of Sunday, September 30<sup>th</sup>, compared with 97% last year and 78% for the 5-year average. Corn harvest is 2% complete, versus 11% last year and 9% for the 5-year average. Corn moisture content is 29%; the moisture content for last year and the 5-year average are not available. Corn condition is rated 38% good to excellent, up 2 percentage points from last week's rating. The corn silage harvest is 89% complete, versus last year's 98% and 86% for the 5-year average.

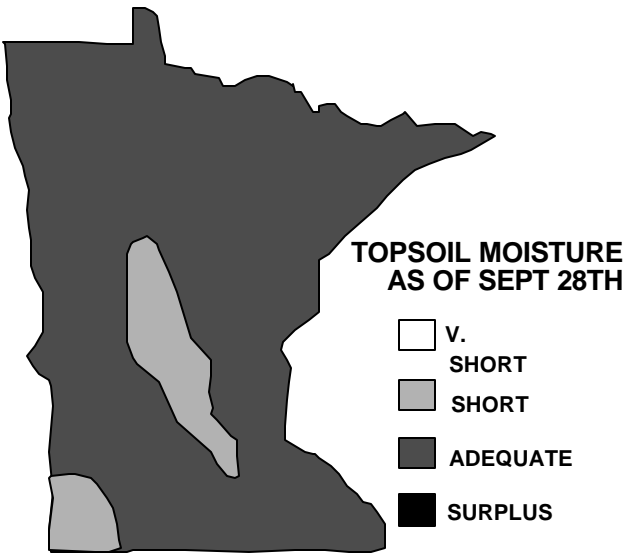
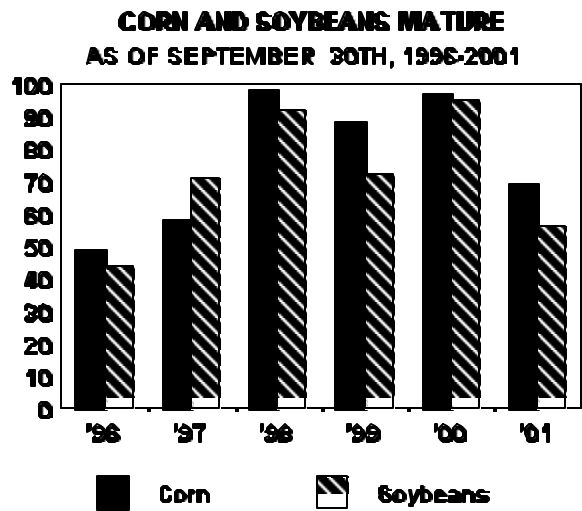
Soybeans are dropping leaves on 92% of the acreage versus 98% last year and 95% for the 5-year average. Soybeans are 56% mature, compared with 95% last year and 75% for the 5-year average. Soybean harvest is underway with 11% harvested, compared to 66% last year and 35% for the 5-year average. Soybean moisture content is 14%; the moisture content for last year and the 5-year average are not available. The soybean condition rating of good to excellent is 49%, up from last week's rating.

Processors' sweet corn harvest is virtually complete with 99% harvested, compared to last year's 99% and the 5-year average at 98%.

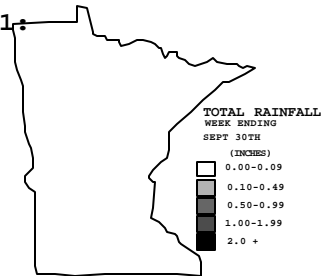
Pasture conditions are rated as 42% good to excellent, up from 37% last week.

Days Suitable for Fieldwork: 5.6					
		Very Short	Short	Ade-quate	Surplus
Topsoil Moisture (%)		3	19	76	2
Crop Progress as of September 30, 2001					
Crop	Stage of Development	5 Yr Avg	Last Year	Last Week	This Week
-----Percent-----					
Corn	Mature	78	97	30	69
	Harvested	9	11	0	2
	Silage Cut	86	98	71	89
Soybeans	Moisture Content	NA	NA	NA	29
	Dropping Leaves	95	98	71	92
	Mature	75	95	22	56
	Harvested	35	66	1	11
	Moisture Content	NA	NA	NA	14
	Seeded (for 2002)	94	95	87	99
	Seeded (for 2002)	92	93	89	93
Sweet Corn	Harvested	98	99	94	99
Dry Beans	Harvested	76	79	55	60
Potatoes	Harvested	58	69	37	55
Grain/Hay	Stubble Worked	75	78	65	70
Sunflowers	Harvested	8	4	0	2
Sugarbeets	Harvested	16	15	5	9
Crop Condition as of September 28 <sup>th</sup>					
	V. Poor	Poor	Fair	Good	Exc.
Pasture	5	17	36	39	3
Corn	4	11	47	36	2
Soybeans	4	11	36	45	4
Potatoes	2	4	30	46	18
Sunflowers	1	4	21	55	19
Sugarbeets	4	5	31	45	15

Statewide topsoil moisture conditions as of September 28<sup>th</sup> were rated 3% very short, 19% short, 76% adequate, and 2% surplus.



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING SEPTEMBER 30, 2001.  
Temperatures averaged from 4.6 degrees below normal in the East Central District to 0.1 degree above normal in the North Central District. Extremes: 22° in Hibbing;79° in Moorhead, Canby, Lamberton. Precipitation averaged from 0.78 inch below normal in the Southeast District to 0.48 inch below normal in the Northwest District. Greatest weekly total was 0.02 inch.



Precipitation and Temperature Summary for 09/24/2001 through 09/30/2001

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Norm Since 4/1	Since May 16	Depart from Norm
<u>NW DIST 1</u>										
Crookston	78	33	54.8	2.4	0	-.48	.36	2.00	2241	142
Moorhead	79	30	56.6	3.0	0	-.44	-.47	.83	2297	72
Warroad	49m	33m	41.0m	-8.9m	0m	-.53m	2.53m	10.08m	1985m	184m
<u>NC DIST 2</u>										
Grand Rapids	76	27	51.8	1.0	0	-.72	-1.17	.03m	1916m	124m
Intl. Falls	73	25	48.5	-1.0	0	-.67	-.83	5.39	1902	174
Itasca	73	28	50.5	.3	0	-.64	-.16	.96	2021	186
<u>WC DIST 3</u>										
Duluth	70	27	49.4	-1.1	0	-.79	-2.26	.61	1773	117
Grand Marais	66	34	49.0	-2.4	0	-.78	-1.84	3.96	1113	-226
Hibbing	72	22	47.0	-2.1	0	-.66	-1.41	-2.68	1803	190
<u>WC DIST 4</u>										
Alexandria	73	33	53.4	-.5	0	-.57	-.98	-2.93m	2228	0
Browns Valley	76	30	52.0	-2.3	0	-.46	.22	3.57	2364	54
Canby	79	31	55.5	-.7	0	-.57	.44	4.42	2521	22
Fergus Falls	76	35	55.0	2.2	0	-.51	.81	4.69	2376	210
Montevideo	76	32	53.2	-2.3	0	-.56	.51	3.76	2354	-19
Morris	75	34	54.6	1.0	0	-.52	1.91	7.39	2335	138
<u>CENT DIST 5</u>										
Becker	72	30	50.6	-3.0	0	-.69	-.47	.46	2373	263
Hutchinson	73	32	52.4	-3.3	0	-.51	1.19	.73	2455	89
Olivia	78	32	54.1	-2.0	0	-.58	1.33	-.85	2417	-29
St. Cloud	74	28	52.0	-1.3	0	-.64	-1.17	.84	2228	132
Staples	72	29	49.7	-2.5	0	-.64	-.34	5.49	2093	114
Willmar	75	35	53.2	-2.1	0	-.64	-.14	-1.85	2405	81
<u>EC DIST 6</u>										
Aitkin	74	26	49.2	-2.7	0	-.67	-.99	1.02	2079	167
Cambridge	57m	34m	45.5m	-8.4m	0m	-.72m	.21m	5.50m	2157m	-15m
MSP Airport	76	36	54.2	-2.2	0	-.57	.99	6.11	2576	110
St. Paul - UofM	76	32	53.7	-5.1	.01	-.67	.25	3.85	2588	8
<u>SW DIST 7</u>										
Lamberton	79	31	53.1	-2.9	0	-.67	.88	5.81	2392	-4
Pipestone	78	29	54.1	-.3	0	-.65	.30	3.04	2415	145
Redwood Falls	78	33	54.8	-2.7	0	-.57	-.44	-2.97	2443	-108
Worthington	78	31	52.0	-3.1	0	-.66	-1.32	.67	2414	126
<u>SC DIST 8</u>										
Faribault	73	31	50.8	-5.2	.02	-.74	-1.46	3.44	2338	14
Waseca	75	32	51.7	-3.8	0	-.73	-.23	5.29	2394	103
Winnebago	73	34	52.2	-3.7	0	-.67	-.70	.34	2391	34
<u>SE DIST 9</u>										
Preston	73	31	49.8	-5.3	.01	-.85	.56	.94	2363	187
Red Wing	72	34	50.6	-3.3	.01	-.82	-1.28	-1.85	2383	278
Rochester	74	33	51.6	-3.7	0	-.72	.60	9.20	2213	-26
Rosemount	72	33	51.4	-3.6	.02	-.73	.11	-.85m	2379	99
Winona	71	36	51.6	-4.9	0	-.80	-.55	4.10	2417	64
m=some data missing										

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

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